

1  
00:00:05,939 --> 00:00:13,089  
welcome to the skeptic zone the podcast

2  
00:00:09,099 --> 00:00:15,149  
from Australia for science and reason

3  
00:00:13,089 --> 00:00:15,150  
you

4  
00:00:22,730 --> 00:00:29,490  
hello and welcome to the skeptic zone

5  
00:00:25,530 --> 00:00:34,109  
for the twentieth of July 2013 episode

6  
00:00:29,489 --> 00:00:36,988  
number 248 well not long till the big

7  
00:00:34,109 --> 00:00:39,238  
250 Richard Saunders here with you from

8  
00:00:36,988 --> 00:00:41,308  
the beautiful Orange County in

9  
00:00:39,238 --> 00:00:43,799  
California where I'm spending a few days

10  
00:00:41,308 --> 00:00:45,390  
to get myself together relax a little

11  
00:00:43,799 --> 00:00:47,878  
bit with my dear friend Brian Dunning

12  
00:00:45,390 --> 00:00:50,939  
and family before flying home what a

13  
00:00:47,878 --> 00:00:54,059  
wonderful time I had my friends at the

14  
00:00:50,939 --> 00:00:57,539  
amazing meeting in Las Vegas Wow as I

15  
00:00:54,060 --> 00:00:59,880  
was I had a busy skeptic very busy

16  
00:00:57,539 --> 00:01:02,600  
skeptic helping to organize the million

17  
00:00:59,880 --> 00:01:05,299  
dollar challenge giving some talks and

18  
00:01:02,600 --> 00:01:07,978  
doing whatever I could to make the event

19  
00:01:05,299 --> 00:01:09,359  
interesting and fun for everybody now

20  
00:01:07,978 --> 00:01:11,009  
I'll be talking more about the

21  
00:01:09,359 --> 00:01:13,680  
million-dollar challenge in the weeks to

22  
00:01:11,009 --> 00:01:15,689  
come in fact I laughed or write a report

23  
00:01:13,680 --> 00:01:18,180  
about it i think for swift that should

24  
00:01:15,689 --> 00:01:20,969  
be very interesting but our big thanks

25  
00:01:18,180 --> 00:01:24,630  
to DJ Grothe and Banacek and jamian's

26  
00:01:20,969 --> 00:01:28,140  
with and chip dedman james randi himself

27  
00:01:24,629 --> 00:01:31,048  
of course who worked so closely together

28  
00:01:28,140 --> 00:01:33,960  
to get the million-dollar challenge up

29

00:01:31,049 --> 00:01:36,090  
and running and brought to a very

30  
00:01:33,959 --> 00:01:39,030  
successful and entertaining conclusion i

31  
00:01:36,090 --> 00:01:41,430  
think what more about that in the weeks

32  
00:01:39,030 --> 00:01:45,030  
to come on this week's show a couple of

33  
00:01:41,430 --> 00:01:47,070  
bits from the amazing meeting we chat to

34  
00:01:45,030 --> 00:01:49,560  
members of the st. Louis skeptical

35  
00:01:47,069 --> 00:01:53,339  
society who happen to be passing me one

36  
00:01:49,560 --> 00:01:55,350  
day in a huge hallway there dear at the

37  
00:01:53,340 --> 00:01:58,219  
convention I grabbed them and set them

38  
00:01:55,349 --> 00:02:01,048  
down and they talk about their local

39  
00:01:58,219 --> 00:02:03,359  
skepticism after that we have some more

40  
00:02:01,049 --> 00:02:05,640  
science news with dr. Paul Willis from

41  
00:02:03,359 --> 00:02:08,099  
the Royal Institution of Australia sort

42  
00:02:05,640 --> 00:02:10,049  
of fill in bits while the official week

43  
00:02:08,099 --> 00:02:11,280

in science is on a bit of a hiatus Paul

44

00:02:10,049 --> 00:02:14,040

Willis is still cranking out some

45

00:02:11,280 --> 00:02:15,870

interesting science news for us and to

46

00:02:14,039 --> 00:02:17,519

round off the show and interview i did

47

00:02:15,870 --> 00:02:20,670

with a very dear old friend of mine

48

00:02:17,519 --> 00:02:22,739

Derek Colin do know from the skeptic

49

00:02:20,669 --> 00:02:25,379

ality podcast love to catch up with

50

00:02:22,739 --> 00:02:27,269

Derek don't see him very much he lives

51

00:02:25,379 --> 00:02:28,469

in atlanta i live in sydney i think you

52

00:02:27,269 --> 00:02:30,870

can understand

53

00:02:28,469 --> 00:02:33,330

not as easy as we'd hope but still it

54

00:02:30,870 --> 00:02:34,890

was lovely to see him at the amazing

55

00:02:33,330 --> 00:02:36,960

meeting and all those people I saw at

56

00:02:34,889 --> 00:02:38,789

the amazing meeting whether i was able

57

00:02:36,960 --> 00:02:40,860

to give you lots of time or hardly any

58  
00:02:38,789 --> 00:02:43,739  
time as i rushed by in a blur to get

59  
00:02:40,860 --> 00:02:45,930  
this downhill get that done great to see

60  
00:02:43,740 --> 00:02:48,810  
everybody there and the reports I'm

61  
00:02:45,930 --> 00:02:51,510  
getting back so positive people had a

62  
00:02:48,810 --> 00:02:53,729  
wonderful time enjoyed the interesting

63  
00:02:51,509 --> 00:02:56,669  
talks and enjoyed meeting people and the

64  
00:02:53,729 --> 00:02:59,929  
social aspects to usually ending up in

65  
00:02:56,669 --> 00:03:03,689  
the del mar bar but for now while i

66  
00:02:59,930 --> 00:03:06,840  
contemplate tonight's feast which will

67  
00:03:03,689 --> 00:03:08,909  
be at a place called the crab cooker the

68  
00:03:06,840 --> 00:03:10,800  
crab cooker google it if you don't know

69  
00:03:08,909 --> 00:03:12,840  
where that is google crab cooker that's

70  
00:03:10,800 --> 00:03:14,219  
where I'm heading tonight and can't wait

71  
00:03:12,840 --> 00:03:16,379  
i'm going to contemplate that for the

72  
00:03:14,219 --> 00:03:19,340  
next little while while we all listen to

73  
00:03:16,379 --> 00:03:19,340  
the skeptic zone

74  
00:03:36,699 --> 00:03:41,419  
it's Friday here at the amazing meeting

75  
00:03:39,830 --> 00:03:43,010  
in Las Vegas lots of people running

76  
00:03:41,419 --> 00:03:44,509  
around although most of the people are

77  
00:03:43,009 --> 00:03:46,609  
in at the moment listening to the man

78  
00:03:44,509 --> 00:03:48,259  
himself James Randi but I found some

79  
00:03:46,610 --> 00:03:50,210  
strange people wandering around the hall

80  
00:03:48,259 --> 00:03:52,399  
I've grabbed them all off the skeptics

81  
00:03:50,210 --> 00:03:55,370  
guide to the universe table and who do

82  
00:03:52,400 --> 00:03:58,310  
we have I'm Missy wrong blue I'm Dave

83  
00:03:55,370 --> 00:04:00,200  
blue Mike Bateman I thought you said

84  
00:03:58,310 --> 00:04:03,170  
blue cuisine care of your t-shirts but

85  
00:04:00,199 --> 00:04:06,259  
this no no it's mine's a hyphenated yes

86

00:04:03,169 --> 00:04:08,000  
where you're from and you're wearing the

87  
00:04:06,259 --> 00:04:11,030  
same shirt which is really cool with the

88  
00:04:08,000 --> 00:04:12,739  
skull with the glasses and the telescope

89  
00:04:11,030 --> 00:04:15,050  
and the magnifying glass it looks very

90  
00:04:12,739 --> 00:04:18,319  
good in the test tube because sort of me

91  
00:04:15,050 --> 00:04:20,389  
yes flask The Skeptical side Society of

92  
00:04:18,319 --> 00:04:25,699  
some Lewis yes what can you tell me

93  
00:04:20,389 --> 00:04:27,918  
about that oh my gosh um I did you yeah

94  
00:04:25,699 --> 00:04:30,740  
really yeah really they were founded by

95  
00:04:27,918 --> 00:04:33,019  
DJ window sir yes when you lived

96  
00:04:30,740 --> 00:04:35,900  
insanely detailed live insane it was

97  
00:04:33,019 --> 00:04:40,668  
just part of the 10 Frank we're there

98  
00:04:35,899 --> 00:04:44,449  
right and so it's been around for

99  
00:04:40,668 --> 00:04:47,918  
several years Dave and I got involved I

100  
00:04:44,449 --> 00:04:50,029

don't know maybe four or five years ago

101

00:04:47,918 --> 00:04:52,789

Emily a came to town to give a

102

00:04:50,029 --> 00:04:54,529

presentation and they had a meetup in

103

00:04:52,790 --> 00:04:57,470

Edwardsville Illinois which is across

104

00:04:54,529 --> 00:04:59,000

the river and we went there and met a

105

00:04:57,470 --> 00:05:00,979

bunch of cool people and started going

106

00:04:59,000 --> 00:05:03,168

to the skeptics in the pubs met Mike

107

00:05:00,978 --> 00:05:05,418

Lampard who used to be the education

108

00:05:03,168 --> 00:05:06,870

coordinator with Jay res and is it

109

00:05:05,418 --> 00:05:09,149

Tippett to the book

110

00:05:06,870 --> 00:05:10,590

and how's the skeptics in the pub scene

111

00:05:09,149 --> 00:05:12,629

and said loses it a big scene do you get

112

00:05:10,589 --> 00:05:14,159

many people coming along let's load you

113

00:05:12,629 --> 00:05:15,959

go with slows during the summer yeah it

114

00:05:14,160 --> 00:05:18,660

slowed down but we're trying to get some

115  
00:05:15,959 --> 00:05:20,009  
more just informal without speakers just

116  
00:05:18,660 --> 00:05:21,150  
to get people together more often even

117  
00:05:20,009 --> 00:05:23,370  
when we don't have someone to give a

118  
00:05:21,149 --> 00:05:27,000  
talk so I think that's a great idea

119  
00:05:23,370 --> 00:05:28,590  
because speaking personal experience

120  
00:05:27,000 --> 00:05:31,529  
skeptics in the pub in Sydney it was

121  
00:05:28,589 --> 00:05:34,769  
originally founded 10 years ago years

122  
00:05:31,529 --> 00:05:36,569  
ago without the idea of having a speaker

123  
00:05:34,769 --> 00:05:40,079  
we just wanted to get together and have

124  
00:05:36,569 --> 00:05:42,719  
a drink and something to eat and chat it

125  
00:05:40,079 --> 00:05:44,069  
wasn't until some years later that every

126  
00:05:42,720 --> 00:05:45,600  
now and then we'd have a speaker now

127  
00:05:44,069 --> 00:05:47,099  
it's a regular part so I don't think

128  
00:05:45,600 --> 00:05:50,550  
it's a vital part of skeptics in the pub

129  
00:05:47,100 --> 00:05:52,530  
no I no I don't think so either and I

130  
00:05:50,550 --> 00:05:54,960  
mean they're always interesting when we

131  
00:05:52,529 --> 00:05:57,179  
have them but it's just nice to get

132  
00:05:54,959 --> 00:05:59,159  
together with your own ilk sort of thing

133  
00:05:57,180 --> 00:06:02,090  
too and have you know be able to talk to

134  
00:05:59,160 --> 00:06:04,350  
people get different ideas about

135  
00:06:02,089 --> 00:06:07,919  
skepticism science you know whatever's

136  
00:06:04,350 --> 00:06:09,270  
on in a beer and a beer lots of beer and

137  
00:06:07,920 --> 00:06:11,759  
if we find the right place some good

138  
00:06:09,269 --> 00:06:14,849  
food too well that's very important yeah

139  
00:06:11,759 --> 00:06:16,920  
yeah i lost the new questions i know my

140  
00:06:14,850 --> 00:06:19,350  
good friend may not likes to ask people

141  
00:06:16,920 --> 00:06:22,410  
is one why did you get into skepticism

142  
00:06:19,350 --> 00:06:26,220  
individually why and after that what

143

00:06:22,410 --> 00:06:28,170  
whoo may we say what what in this realm

144  
00:06:26,220 --> 00:06:30,230  
what really annoys you what gets your

145  
00:06:28,170 --> 00:06:30,230  
goat

146  
00:06:30,490 --> 00:06:36,050  
well Dave and I probably got into

147  
00:06:33,379 --> 00:06:37,370  
skepticism sorted together he started

148  
00:06:36,050 --> 00:06:40,910  
listening to skeptics guide to the

149  
00:06:37,370 --> 00:06:42,949  
universe and we would play it in the car

150  
00:06:40,910 --> 00:06:45,680  
and stuff so I would be with him and we

151  
00:06:42,949 --> 00:06:47,870  
both really enjoyed it and I think

152  
00:06:45,680 --> 00:06:49,009  
before that I would read the only thing

153  
00:06:47,870 --> 00:06:50,120  
I knew about skepticism was Michael

154  
00:06:49,009 --> 00:06:52,189  
schirmer's column and scientific

155  
00:06:50,120 --> 00:06:54,050  
american so I read that and then I

156  
00:06:52,189 --> 00:06:56,300  
started get into podcast and i was like

157  
00:06:54,050 --> 00:06:58,939

i wonder if there's any science skeptic

158

00:06:56,300 --> 00:07:01,038

podcasts and that's how i found skeptics

159

00:06:58,939 --> 00:07:02,959

guide and sceptile and you know a few

160

00:07:01,038 --> 00:07:05,029

others way back and you what we started

161

00:07:02,959 --> 00:07:08,269

listening to so yeah you're ending up on

162

00:07:05,029 --> 00:07:09,948

the skeptic zone podcaster there yeah i

163

00:07:08,269 --> 00:07:12,049

mean i had never heard of skepticism

164

00:07:09,949 --> 00:07:13,788

until really like skeptics guide i think

165

00:07:12,050 --> 00:07:15,560

i just always have been kind of a

166

00:07:13,788 --> 00:07:18,409

questioning person i mean i can remember

167

00:07:15,560 --> 00:07:21,319

like learning about the Crusades in high

168

00:07:18,410 --> 00:07:23,720

school and be like really you know i

169

00:07:21,319 --> 00:07:25,610

don't understand how you know this is

170

00:07:23,720 --> 00:07:27,470

about religion and then religion tells

171

00:07:25,610 --> 00:07:29,509

us this other thing and I you know so I

172  
00:07:27,470 --> 00:07:33,500  
started thinking about that a little bit

173  
00:07:29,509 --> 00:07:37,280  
started me was cherry to the gods yeah I

174  
00:07:33,500 --> 00:07:39,740  
saw that in the movie theater and at the

175  
00:07:37,279 --> 00:07:42,259  
time I had no experience to skepticism

176  
00:07:39,740 --> 00:07:44,629  
and although almost everything I saw in

177  
00:07:42,259 --> 00:07:46,699  
there seemed a bit dubious but I didn't

178  
00:07:44,629 --> 00:07:49,399  
know why and so I just started doing

179  
00:07:46,699 --> 00:07:53,030  
some research and came across books that

180  
00:07:49,399 --> 00:07:55,399  
had counter arguments and found that

181  
00:07:53,029 --> 00:07:57,769  
very fascinating yes and yeah and so

182  
00:07:55,399 --> 00:08:00,769  
that was sort of the beginning and then

183  
00:07:57,769 --> 00:08:02,448  
started reading books and eventually

184  
00:08:00,769 --> 00:08:05,508  
podcasts came along and stumbled across

185  
00:08:02,449 --> 00:08:08,150  
some podcasts including yours and so it

186  
00:08:05,509 --> 00:08:11,100  
just grew from there and what what in

187  
00:08:08,149 --> 00:08:14,349  
Neil the alternative universe or the

188  
00:08:11,100 --> 00:08:17,200  
psychic realm or the woowoo whatever

189  
00:08:14,350 --> 00:08:19,270  
what do you want to want to call it what

190  
00:08:17,199 --> 00:08:22,180  
grabs your attention or water annoys you

191  
00:08:19,269 --> 00:08:24,099  
um well I have to admit that I used to

192  
00:08:22,180 --> 00:08:27,310  
believe some of that stuff too yep I

193  
00:08:24,100 --> 00:08:30,700  
used to do acupuncture I've been to to

194  
00:08:27,310 --> 00:08:32,440  
George Tillman seminars and she

195  
00:08:30,699 --> 00:08:34,960  
discussed something I wish to discuss in

196  
00:08:32,440 --> 00:08:36,640  
the martial arts panel so but I think

197  
00:08:34,960 --> 00:08:38,860  
right now like what tends to get me is

198  
00:08:36,639 --> 00:08:43,809  
more the biological medical science

199  
00:08:38,860 --> 00:08:48,490  
stuff so the anti-gmo you know the

200

00:08:43,809 --> 00:08:50,979  
organic mythos or whatever your and then

201  
00:08:48,490 --> 00:08:54,450  
of course you know any of the non

202  
00:08:50,980 --> 00:08:57,340  
science-based medicine homeopathy

203  
00:08:54,450 --> 00:08:59,710  
acupuncture you know whatever cleansers

204  
00:08:57,340 --> 00:09:02,110  
out there or whatever so that's kind of

205  
00:08:59,710 --> 00:09:04,030  
where my interests okay revolves right

206  
00:09:02,110 --> 00:09:06,789  
now yeah I think I'm sort of in the same

207  
00:09:04,029 --> 00:09:09,639  
area that let's use most pervasive right

208  
00:09:06,789 --> 00:09:11,579  
now he's just lots of naturalistic yeah

209  
00:09:09,639 --> 00:09:14,110  
stop you a naturist a fallacy everywhere

210  
00:09:11,580 --> 00:09:15,670  
GMO stuff it's trying to use it it's

211  
00:09:14,110 --> 00:09:19,509  
very trendy yeah it's very trendy right

212  
00:09:15,669 --> 00:09:21,069  
now I have a lot of friends who I see

213  
00:09:19,509 --> 00:09:23,769  
eye to eye with lots of things but then

214  
00:09:21,070 --> 00:09:26,920

they'll be posting without references

215

00:09:23,769 --> 00:09:29,289

you know GMO is called cause cancer in

216

00:09:26,919 --> 00:09:30,669

lab rats and what LaVon I have to decide

217

00:09:29,289 --> 00:09:33,789

whether or not I'm going to engage and

218

00:09:30,669 --> 00:09:35,829

if I do I try to be as nice as I can

219

00:09:33,789 --> 00:09:38,919

yeah here check this out story that's

220

00:09:35,830 --> 00:09:42,120

right yeah but um yeah thank you

221

00:09:38,919 --> 00:09:45,159

conspiracy theories I drive me nuts

222

00:09:42,120 --> 00:09:47,799

you're seeing youtube videos of alex

223

00:09:45,159 --> 00:09:49,419

jones and glenn beck and yeah those

224

00:09:47,799 --> 00:09:51,399

those really tripped my trigger but you

225

00:09:49,419 --> 00:09:53,919

know it's what the interests of you know

226

00:09:51,399 --> 00:09:55,509

my areas of interest have evolved over

227

00:09:53,919 --> 00:09:58,000

time at one time it was religion at one

228

00:09:55,509 --> 00:09:59,470

time it was alternative medicine now I

229  
00:09:58,000 --> 00:10:01,210  
think it's conspiracy theories it really

230  
00:09:59,470 --> 00:10:03,490  
just it is a show that you can see on

231  
00:10:01,210 --> 00:10:06,970  
youtube which I saw some months back

232  
00:10:03,490 --> 00:10:08,799  
called conspiracy theory road trip

233  
00:10:06,970 --> 00:10:11,439  
yes I think it all enjoyed this

234  
00:10:08,799 --> 00:10:13,990  
especially because it really concerns

235  
00:10:11,438 --> 00:10:15,969  
conspiracy theories this is a UK show

236  
00:10:13,990 --> 00:10:19,600  
but they get a bunch of conspiracy

237  
00:10:15,970 --> 00:10:21,459  
theorists didn't say 911 put them all on

238  
00:10:19,600 --> 00:10:23,379  
a bus and take them and speak to experts

239  
00:10:21,458 --> 00:10:26,018  
and see if they can change their minds

240  
00:10:23,379 --> 00:10:28,000  
oh I have seen that I have seen that

241  
00:10:26,019 --> 00:10:30,009  
yeah interesting it's factually yes it's

242  
00:10:28,000 --> 00:10:31,870  
worth looking so is your theory road

243  
00:10:30,009 --> 00:10:35,919  
trip yeah it's quite hungry stinking

244  
00:10:31,870 --> 00:10:39,179  
ever yes so for those listeners in

245  
00:10:35,919 --> 00:10:41,889  
Australia whereabouts is sin Louis

246  
00:10:39,179 --> 00:10:44,588  
pretty much kind of the middle of the

247  
00:10:41,889 --> 00:10:47,169  
country the Mississippi River comes down

248  
00:10:44,589 --> 00:10:50,800  
and kind of divides the country and

249  
00:10:47,169 --> 00:10:52,659  
we're just west of that so st. Louis is

250  
00:10:50,799 --> 00:10:55,688  
called the Gateway to the West the arch

251  
00:10:52,659 --> 00:10:57,370  
the st. Louis Arch designed by what

252  
00:10:55,688 --> 00:10:59,198  
bureaus sarin in I don't know if I'm

253  
00:10:57,370 --> 00:11:03,159  
saying that name correctly the architect

254  
00:10:59,198 --> 00:11:06,490  
was built in nineteen sixty mid-1960s

255  
00:11:03,159 --> 00:11:09,039  
it's kind of the symbol for st. Louis

256  
00:11:06,490 --> 00:11:13,419  
the landmark landmark five hours south

257

00:11:09,039 --> 00:11:16,028  
of Chicago talk about 10 hours north of

258  
00:11:13,419 --> 00:11:18,308  
the Gulf Coast what about right no we're

259  
00:11:16,028 --> 00:11:19,659  
like 10 hours north of Dallas and looks

260  
00:11:18,308 --> 00:11:21,219  
like you got a long way to go to go to

261  
00:11:19,659 --> 00:11:23,198  
the beach right yeah yes we have a long

262  
00:11:21,220 --> 00:11:25,569  
way to go to go yeah we're landlocked

263  
00:11:23,198 --> 00:11:27,789  
yeah we're landlocked so it's about a

264  
00:11:25,568 --> 00:11:31,719  
four-hour flight to San Francisco three

265  
00:11:27,789 --> 00:11:35,828  
hours to hear yep that's pretty good and

266  
00:11:31,720 --> 00:11:38,559  
do you have a web presence salua skipper

267  
00:11:35,828 --> 00:11:40,568  
no we have meet up yeah we have a meet

268  
00:11:38,558 --> 00:11:44,429  
up and we have a facebook that's enough

269  
00:11:40,568 --> 00:11:46,628  
yes and if listen is in that area yeah

270  
00:11:44,429 --> 00:11:48,308  
interested in hooking up with you guys

271  
00:11:46,629 --> 00:11:50,319

how solutely they just google the

272

00:11:48,308 --> 00:11:52,000  
skeptical society of something difficult

273

00:11:50,318 --> 00:11:53,649  
time that should get on that should

274

00:11:52,000 --> 00:11:56,558  
either find our facebook page or the

275

00:11:53,649 --> 00:11:58,179  
meetup and when we have you know

276

00:11:56,558 --> 00:12:00,549  
gathering we put it on meetup and

277

00:11:58,179 --> 00:12:01,599  
everybody knows so yes

278

00:12:00,549 --> 00:12:03,399  
actually I think they do the event on

279

00:12:01,600 --> 00:12:05,320  
both Facebook yeah yeah we will do

280

00:12:03,399 --> 00:12:07,208  
thanks all right easy to find folks

281

00:12:05,320 --> 00:12:08,560  
there's the word well folks great to see

282

00:12:07,208 --> 00:12:10,899  
you here tam I hope you having a good

283

00:12:08,559 --> 00:12:12,549  
time yeah we are yeah thanks for talking

284

00:12:10,899 --> 00:12:29,528  
to the skeptic zone and have a great

285

00:12:12,549 --> 00:12:32,588  
rest of their comfort me siento short

286  
00:12:29,528 --> 00:12:36,360  
industry skeptic zone basically suit on

287  
00:12:32,589 --> 00:12:40,360  
marijuana shusuke toy talk on da CA n

288  
00:12:36,360 --> 00:12:42,909  
sceptile shaker crucial a podcast e mo

289  
00:12:40,360 --> 00:12:46,000  
mo me to do with how long's in the party

290  
00:12:42,909 --> 00:12:49,360  
pocket and Helios intertwined solution

291  
00:12:46,000 --> 00:12:52,899  
in mulund photo session charts Alana

292  
00:12:49,360 --> 00:12:56,470  
cncl link Li Dao itunes the Chihuahua

293  
00:12:52,899 --> 00:13:01,519  
Jan SATA sceptile puta chiffon well one

294  
00:12:56,470 --> 00:13:04,820  
of the ones skeptical because the end

295  
00:13:01,519 --> 00:13:07,220  
thus kept I'd science podcast by Brian

296  
00:13:04,820 --> 00:13:09,710  
Dungey is now available for Chinese

297  
00:13:07,220 --> 00:13:13,279  
audience please tell your Chinese

298  
00:13:09,710 --> 00:13:16,100  
friends to visit skipped item the CN a

299  
00:13:13,279 --> 00:13:22,360  
fine skip toyed and the Chinese iTunes

300  
00:13:16,100 --> 00:13:22,360  
door i'm lisa from skipped item the CN

301  
00:13:28,278 --> 00:13:33,120  
hello sket though potties dr. Willis

302  
00:13:31,559 --> 00:13:35,519  
here at the Royal Institution of

303  
00:13:33,120 --> 00:13:38,370  
Australia with more musings and news

304  
00:13:35,519 --> 00:13:40,230  
from the world of science and the big

305  
00:13:38,370 --> 00:13:42,720  
talking point this week has been the

306  
00:13:40,230 --> 00:13:45,740  
results of a science and literacy survey

307  
00:13:42,720 --> 00:13:48,330  
in Australia that shows shock horror

308  
00:13:45,740 --> 00:13:49,980  
Australians know less about science than

309  
00:13:48,330 --> 00:13:52,080  
they did a couple of years ago the

310  
00:13:49,980 --> 00:13:54,990  
survey was conducted for the Australian

311  
00:13:52,080 --> 00:13:57,509  
Academy of Science and asked one and a

312  
00:13:54,990 --> 00:14:00,480  
half thousand people some simple science

313  
00:13:57,509 --> 00:14:02,730  
questions less than two thirds knew how

314

00:14:00,480 --> 00:14:06,360  
long it takes for the earth to go around

315  
00:14:02,730 --> 00:14:08,850  
the Sun down from 75% two years ago and

316  
00:14:06,360 --> 00:14:10,889  
just under thirty percent did not know

317  
00:14:08,850 --> 00:14:14,129  
if humans and dinosaurs lived at the

318  
00:14:10,889 --> 00:14:16,259  
same time these disastrous results

319  
00:14:14,129 --> 00:14:17,909  
caused a cavalcade of connoption fits

320  
00:14:16,259 --> 00:14:20,458  
across the old school science

321  
00:14:17,909 --> 00:14:22,620  
establishment with calls for more

322  
00:14:20,458 --> 00:14:25,559  
science education and more effective

323  
00:14:22,620 --> 00:14:29,399  
science communication but I am a bit

324  
00:14:25,559 --> 00:14:31,739  
more skeptical it's not just that 1,500

325  
00:14:29,399 --> 00:14:33,480  
people seems like a small sample size to

326  
00:14:31,740 --> 00:14:36,209  
be able to generalize across the whole

327  
00:14:33,480 --> 00:14:38,490  
country the whole concept of science

328  
00:14:36,208 --> 00:14:40,619

literacy has come into question in

329

00:14:38,490 --> 00:14:42,600

recent years and it's apparent that we

330

00:14:40,620 --> 00:14:46,080

are not entirely sure what it measures

331

00:14:42,600 --> 00:14:49,470

what appropriate levels are or even why

332

00:14:46,080 --> 00:14:52,020

it matters even scientists can't agree

333

00:14:49,470 --> 00:14:54,060

on how to measure it take the Walking

334

00:14:52,019 --> 00:14:56,519

with Dinosaurs question for example as

335

00:14:54,059 --> 00:14:59,009

of paleontologist I would answer that

336

00:14:56,519 --> 00:15:01,289

yes humans and dinosaurs have been

337

00:14:59,009 --> 00:15:04,708

around at the same time and still are

338

00:15:01,289 --> 00:15:06,750

birds are dinosaurs that's where the

339

00:15:04,708 --> 00:15:09,208

interesting science is in that question

340

00:15:06,750 --> 00:15:11,610

however what they were asking was about

341

00:15:09,208 --> 00:15:14,250

the extinct non-avian dinosaurs from the

342

00:15:11,610 --> 00:15:16,470

Mesozoic so I would have got that

343

00:15:14,250 --> 00:15:18,269

question wrong with scientists

344

00:15:16,470 --> 00:15:20,399

themselves in conflict as to what

345

00:15:18,269 --> 00:15:22,078

questions to include and what the

346

00:15:20,399 --> 00:15:25,070

correct answers are to those questions

347

00:15:22,078 --> 00:15:28,259

these types of surveys are doomed as

348

00:15:25,070 --> 00:15:29,640

non-starters from the get-go and so what

349

00:15:28,259 --> 00:15:32,100

if one hundred percent of the population

350

00:15:29,639 --> 00:15:34,708

don't know the correct answers to some

351

00:15:32,100 --> 00:15:37,560

science trivia how much do they need to

352

00:15:34,708 --> 00:15:38,219

know and more importantly why do they

353

00:15:37,559 --> 00:15:40,589

need to

354

00:15:38,220 --> 00:15:42,960

our most people will get through life

355

00:15:40,590 --> 00:15:45,990

just fine with a complete ignorance of

356

00:15:42,960 --> 00:15:48,120

basic astronomy biology geology and all

357  
00:15:45,990 --> 00:15:50,730  
the other sciences what are we trying to

358  
00:15:48,120 --> 00:15:53,220  
achieve by turning our nation into a

359  
00:15:50,730 --> 00:15:56,129  
population of science quiz masters it's

360  
00:15:53,220 --> 00:15:57,990  
time for a rethink on the whole question

361  
00:15:56,129 --> 00:16:00,840  
of the public understanding of science

362  
00:15:57,990 --> 00:16:02,669  
and that is the subject of a blog I

363  
00:16:00,840 --> 00:16:06,570  
published on our site a couple of weeks

364  
00:16:02,669 --> 00:16:10,229  
ago you can still find it at RI aus org

365  
00:16:06,570 --> 00:16:12,540  
dot au under telling stories for science

366  
00:16:10,230 --> 00:16:15,389  
it's right alongside my latest blog

367  
00:16:12,539 --> 00:16:16,919  
where I champion skeptical thinking you

368  
00:16:15,389 --> 00:16:19,949  
might want to take a read of that while

369  
00:16:16,919 --> 00:16:22,169  
you're there getting off my soapbox and

370  
00:16:19,950 --> 00:16:24,360  
I've not got much time left for the

371

00:16:22,169 --> 00:16:27,569  
other news in science for this past week

372  
00:16:24,360 --> 00:16:29,519  
so here are the headlines researchers

373  
00:16:27,570 --> 00:16:31,590  
have explained how telomeres the

374  
00:16:29,519 --> 00:16:34,199  
protective bits of DNA at the ends of

375  
00:16:31,590 --> 00:16:36,660  
our chromosomes can be cancer preventing

376  
00:16:34,200 --> 00:16:39,060  
and yet they turn cancer promoting when

377  
00:16:36,659 --> 00:16:42,000  
certain genes are mutated in patients

378  
00:16:39,059 --> 00:16:44,099  
new research from the USA shows that

379  
00:16:42,000 --> 00:16:46,070  
women who survived childhood cancer are

380  
00:16:44,100 --> 00:16:48,330  
at an increased risk of infertility

381  
00:16:46,070 --> 00:16:50,879  
Australian scientists have helped reveal

382  
00:16:48,330 --> 00:16:53,940  
the genomes of hundreds of bacterial and

383  
00:16:50,879 --> 00:16:57,059  
archaeal cells belonging to 29 major

384  
00:16:53,940 --> 00:16:59,280  
mostly uncharted branches of the tree of

385  
00:16:57,059 --> 00:17:01,649

life the record of satellite

386

00:16:59,279 --> 00:17:04,950

observations of ice loss from Greenland

387

00:17:01,649 --> 00:17:06,839

and Antarctica is currently too short to

388

00:17:04,950 --> 00:17:09,930

separate long-term trends from

389

00:17:06,839 --> 00:17:12,269

short-term natural variability and swiss

390

00:17:09,930 --> 00:17:14,009

researchers have used sound waves to

391

00:17:12,269 --> 00:17:16,710

cancel out the pull of gravity and

392

00:17:14,009 --> 00:17:18,809

levitate small quantities of matter as

393

00:17:16,710 --> 00:17:21,120

usual for more on these and other

394

00:17:18,809 --> 00:17:25,679

science news stories of the week go to

395

00:17:21,119 --> 00:17:28,349

the are Isles website RI aus org dot a

396

00:17:25,680 --> 00:17:30,420

you and that's your lot for this week

397

00:17:28,349 --> 00:17:35,869

pot is i'll have another grumble an

398

00:17:30,420 --> 00:17:35,870

update next week dr. Willis signing off

399

00:17:43,960 --> 00:17:47,720

you know into podcasters get together

400  
00:17:46,429 --> 00:17:51,530  
ladies and gentlemen because we talk

401  
00:17:47,720 --> 00:17:54,529  
about the size of our memory cards yeah

402  
00:17:51,529 --> 00:17:56,658  
well you know what else am I gonna do my

403  
00:17:54,529 --> 00:17:59,990  
a normal memory is you know a little

404  
00:17:56,659 --> 00:18:01,970  
shot these days I'm talking with none of

405  
00:17:59,990 --> 00:18:04,220  
them Derek Cullen do know from skeptic

406  
00:18:01,970 --> 00:18:06,400  
ality one of the the original podcast

407  
00:18:04,220 --> 00:18:09,169  
one of the original skeptical podcasters

408  
00:18:06,400 --> 00:18:11,360  
yeah meehans deed novella tried to

409  
00:18:09,169 --> 00:18:15,380  
figure that out alta like last year or

410  
00:18:11,359 --> 00:18:18,079  
the year before and we were we beat them

411  
00:18:15,380 --> 00:18:21,260  
by like two weeks no really yeah well

412  
00:18:18,079 --> 00:18:25,339  
the zones been going since 2008 I did

413  
00:18:21,259 --> 00:18:29,298  
other things before then the one really

414  
00:18:25,339 --> 00:18:31,509  
is regular as the skeptic zone and I was

415  
00:18:29,298 --> 00:18:33,950  
doing a radio series way back in

416  
00:18:31,509 --> 00:18:36,200  
Heaven's about 2001 or something but

417  
00:18:33,950 --> 00:18:38,298  
that's an official skeptical podcast

418  
00:18:36,200 --> 00:18:39,830  
cause you guys are older than the zone

419  
00:18:38,298 --> 00:18:44,418  
of course yeah it was funny that you

420  
00:18:39,829 --> 00:18:48,079  
mentioned that because before podcasting

421  
00:18:44,419 --> 00:18:50,720  
I was doing a show like skeptic ality it

422  
00:18:48,079 --> 00:18:56,269  
was just me and that was back between

423  
00:18:50,720 --> 00:18:59,360  
like 96 in like 2002 and there was no

424  
00:18:56,269 --> 00:19:02,869  
RSS enclosure feeds you'll didn't use

425  
00:18:59,359 --> 00:19:04,490  
podcasting because it so also mp3s work

426  
00:19:02,869 --> 00:19:06,319  
hard to do on a normal computer because

427  
00:19:04,490 --> 00:19:08,240  
it was just hard to like crunch the

428

00:19:06,319 --> 00:19:10,189  
compression it's funny how we've gotten

429  
00:19:08,240 --> 00:19:12,710  
so used to the technology I know so I

430  
00:19:10,190 --> 00:19:16,909  
thought my old show is on it was done in

431  
00:19:12,710 --> 00:19:18,409  
real audio real audio yeah format I used

432  
00:19:16,909 --> 00:19:20,270  
to use and I used to use that to

433  
00:19:18,409 --> 00:19:22,400  
compress and make videos but that's why

434  
00:19:20,269 --> 00:19:24,408  
and when that came out I even bought the

435  
00:19:22,400 --> 00:19:26,720  
encoder yeah this is great this will be

436  
00:19:24,409 --> 00:19:28,760  
the future yeah yeah so I did my show

437  
00:19:26,720 --> 00:19:30,620  
using that and because we didn't have

438  
00:19:28,759 --> 00:19:31,940  
podcasting the only way I could get

439  
00:19:30,619 --> 00:19:34,519  
people to listen to it is how to put on

440  
00:19:31,940 --> 00:19:36,169  
the website and like send emails to

441  
00:19:34,519 --> 00:19:39,019  
everybody yeah that I new show que más

442  
00:19:36,169 --> 00:19:40,940

so you know now that it went away

443

00:19:39,019 --> 00:19:42,889

because you know it's a lot of work hmm

444

00:19:40,940 --> 00:19:44,840

you know a lot of work not just do the

445

00:19:42,890 --> 00:19:47,390

show but to like do all the back end

446

00:19:44,839 --> 00:19:48,470

totally loaded so I just this flow off

447

00:19:47,390 --> 00:19:50,600

fell off and i got

448

00:19:48,470 --> 00:19:51,950

married and I got another job where I

449

00:19:50,599 --> 00:19:54,469

was traveling ninety-eight percent of

450

00:19:51,950 --> 00:19:58,548

the time so those this I went away and

451

00:19:54,470 --> 00:20:01,250

then podcasting hit and one day swoopy

452

00:19:58,548 --> 00:20:02,569

said have you seen this because you know

453

00:20:01,250 --> 00:20:04,038

this is the show we won't have always

454

00:20:02,569 --> 00:20:06,879

wanted to do yeah I used to actually

455

00:20:04,038 --> 00:20:10,400

work in working with radio here in Vegas

456

00:20:06,880 --> 00:20:12,260

and I did an overnight shift so me and

457  
00:20:10,400 --> 00:20:16,370  
swoopy would talk about what we wanted

458  
00:20:12,259 --> 00:20:18,379  
to do but I work for a alternative rock

459  
00:20:16,369 --> 00:20:22,069  
station so you know that was back in the

460  
00:20:18,380 --> 00:20:23,630  
90s go figure um so you know we were

461  
00:20:22,069 --> 00:20:25,819  
there at night think what we'd like to

462  
00:20:23,630 --> 00:20:27,429  
leave so we tried to do little segment

463  
00:20:25,819 --> 00:20:30,950  
things but you know you're really good

464  
00:20:27,429 --> 00:20:33,048  
so when podcasting came out she said hey

465  
00:20:30,950 --> 00:20:35,210  
we could do that radio show he was

466  
00:20:33,048 --> 00:20:37,069  
wanted to do so it took a while so she

467  
00:20:35,210 --> 00:20:38,538  
came up with the name one day I got home

468  
00:20:37,069 --> 00:20:39,918  
from a business trip and was on the

469  
00:20:38,538 --> 00:20:42,319  
whiteboard and said what is that she's

470  
00:20:39,919 --> 00:20:44,270  
the name of our show now really yeah so

471  
00:20:42,319 --> 00:20:46,399  
that's how that happened that's at well

472  
00:20:44,269 --> 00:20:48,109  
when we were put in the skeptic zone

473  
00:20:46,400 --> 00:20:50,840  
together we came up with all sorts of

474  
00:20:48,109 --> 00:20:54,500  
crazy names too yeah and then our

475  
00:20:50,839 --> 00:20:56,899  
co-host Stefan soika in one of these

476  
00:20:54,500 --> 00:20:59,808  
exchanges and email said the skeptic

477  
00:20:56,900 --> 00:21:03,490  
zone and suddenly everyone yeah yeah I

478  
00:20:59,808 --> 00:21:07,849  
just just sort of stuck now of course I

479  
00:21:03,490 --> 00:21:10,308  
first met you at tam in 2008 if my

480  
00:21:07,849 --> 00:21:13,158  
memory so he my first time was two

481  
00:21:10,308 --> 00:21:15,288  
thousand six so it's about right I think

482  
00:21:13,159 --> 00:21:17,150  
I met you and swoopy 'the i was there a

483  
00:21:15,288 --> 00:21:19,640  
day because it was at the Flamingo yeah

484  
00:21:17,150 --> 00:21:22,820  
and then later that year that same year

485

00:21:19,640 --> 00:21:24,380  
i traveled to dragoncon town and with my

486  
00:21:22,819 --> 00:21:25,730  
first Dragon Con and I went there that

487  
00:21:24,380 --> 00:21:27,260  
year the next year and the year after

488  
00:21:25,730 --> 00:21:29,779  
that there was also the first requiring

489  
00:21:27,259 --> 00:21:32,179  
a skeptic zone yes you're absolutely

490  
00:21:29,779 --> 00:21:35,710  
right skeptic zone was born at dragon

491  
00:21:32,179 --> 00:21:39,110  
con 2008 in Georgia back when the

492  
00:21:35,710 --> 00:21:41,590  
skeptic track was a very small room now

493  
00:21:39,109 --> 00:21:43,548  
to tell me more about the whole

494  
00:21:41,589 --> 00:21:45,349  
evolution of the skeptic track at

495  
00:21:43,548 --> 00:21:48,619  
dragoncon because it in the early days

496  
00:21:45,349 --> 00:21:51,319  
it was it was good fun I was ever in the

497  
00:21:48,619 --> 00:21:54,168  
very early days but it's just very blah

498  
00:21:51,319 --> 00:21:58,369  
some day yeah well let's say it started

499  
00:21:54,169 --> 00:21:58,919

because I was the director at drank on

500

00:21:58,369 --> 00:22:02,128  
for

501

00:21:58,919 --> 00:22:04,499  
the new media media like a podcasting

502

00:22:02,128 --> 00:22:07,319  
and web video and also if I was director

503

00:22:04,499 --> 00:22:09,960  
for that hey my co-director was swooping

504

00:22:07,319 --> 00:22:11,638  
thank 07 Bernstein look a rare sighting

505

00:22:09,960 --> 00:22:14,460  
of Evan Bernstein walking down the hi

506

00:22:11,638 --> 00:22:16,888  
Evan I am I gonna bomb this this

507

00:22:14,460 --> 00:22:18,538  
interview right now hi this is the

508

00:22:16,888 --> 00:22:20,459  
myriad of the skipping zone the skeptics

509

00:22:18,538 --> 00:22:22,319  
guide and skeptics kallik skeptic ality

510

00:22:20,460 --> 00:22:24,358  
that's a lot of skeptics in one very

511

00:22:22,319 --> 00:22:26,398  
very concentrated area endear you

512

00:22:24,358 --> 00:22:28,108  
sneaking off to I have to go do a quick

513

00:22:26,398 --> 00:22:30,089  
audio check with the engineers in the

514

00:22:28,108 --> 00:22:32,069

room for our show this morning yep

515

00:22:30,089 --> 00:22:33,480

that's usually did like something every

516

00:22:32,069 --> 00:22:35,759

morning what happened yeah well you know

517

00:22:33,480 --> 00:22:37,858

they finally decided to bump us up to a

518

00:22:35,759 --> 00:22:39,389

more I don't know if you want to call it

519

00:22:37,858 --> 00:22:41,189

prominent status where we don't have to

520

00:22:39,388 --> 00:22:42,778

wake up at five in the morning each time

521

00:22:41,190 --> 00:22:44,730

in order to you know sounds good too i'm

522

00:22:42,778 --> 00:22:46,919

up first today you know that I'm the guy

523

00:22:44,730 --> 00:22:49,019

who's up first so you have the honor of

524

00:22:46,919 --> 00:22:50,460

doing of getting that kind of works like

525

00:22:49,019 --> 00:22:51,749

my thing this time was I was the very

526

00:22:50,460 --> 00:22:55,048

first thing at eight o'clock in the

527

00:22:51,749 --> 00:22:56,700

morning on Thursday yeah I know there

528  
00:22:55,048 --> 00:22:59,460  
was a you know their the slots have

529  
00:22:56,700 --> 00:23:02,009  
purposes and reasons and times yeah well

530  
00:22:59,460 --> 00:23:03,989  
but you know but we know we're happy to

531  
00:23:02,009 --> 00:23:05,788  
be you know part of this in any capacity

532  
00:23:03,989 --> 00:23:07,980  
I'll come in and hickel you yeah please

533  
00:23:05,788 --> 00:23:11,190  
you have to I'll let you get back to

534  
00:23:07,980 --> 00:23:14,999  
your ex Thank You Edwin Bernstein so it

535  
00:23:11,190 --> 00:23:18,288  
was oh yeah yeah I was the director for

536  
00:23:14,999 --> 00:23:20,759  
the new media stuff at dragoncon and

537  
00:23:18,288 --> 00:23:23,220  
because you know me and super did

538  
00:23:20,759 --> 00:23:24,868  
skeptic ality we started to invite some

539  
00:23:23,220 --> 00:23:26,700  
of the guests we had on our show to come

540  
00:23:24,868 --> 00:23:29,699  
to dragoncon we didn't have a skeptic

541  
00:23:26,700 --> 00:23:31,409  
track but we just we teamed up with the

542

00:23:29,700 --> 00:23:33,359  
space and Science track which we're

543  
00:23:31,409 --> 00:23:34,950  
right next door of course I remember

544  
00:23:33,358 --> 00:23:36,418  
that because in the very early days when

545  
00:23:34,950 --> 00:23:38,009  
I walk out there'd be the science guys

546  
00:23:36,419 --> 00:23:39,419  
right there well they still are they

547  
00:23:38,009 --> 00:23:41,999  
still has all right next door they

548  
00:23:39,419 --> 00:23:44,820  
finally because it's based in science

549  
00:23:41,999 --> 00:23:46,679  
tracks also kind of grill to make more

550  
00:23:44,819 --> 00:23:49,168  
room for the space track they moved it

551  
00:23:46,679 --> 00:23:50,580  
one floor up which it's not that bad and

552  
00:23:49,169 --> 00:23:52,320  
there if you remember you don't have to

553  
00:23:50,579 --> 00:23:54,569  
even use of elevator that's a little

554  
00:23:52,319 --> 00:23:57,239  
stairway yes not that bad that's easy

555  
00:23:54,569 --> 00:23:58,558  
yeah so that was fine because I the

556  
00:23:57,239 --> 00:24:00,989

reason why they had to do that really

557

00:23:58,558 --> 00:24:03,058

was because they grew the skeptic room

558

00:24:00,989 --> 00:24:05,129

one more time so we have that entire

559

00:24:03,058 --> 00:24:06,808

side of the hall but anyway at the

560

00:24:05,128 --> 00:24:10,498

beginning it was just space and science

561

00:24:06,808 --> 00:24:11,220

and me and swoopy did the new media but

562

00:24:10,499 --> 00:24:13,288

we

563

00:24:11,220 --> 00:24:18,058

had some of our skeptic guests like

564

00:24:13,288 --> 00:24:20,788

George Rab and Jeff flag and he'll play

565

00:24:18,058 --> 00:24:24,480

all these people and I got them to come

566

00:24:20,788 --> 00:24:26,038

and they just would go to the science

567

00:24:24,480 --> 00:24:28,919

and space tracks and they were packed

568

00:24:26,038 --> 00:24:32,279

rooms and then after about two years the

569

00:24:28,919 --> 00:24:36,480

guy who runs dry gone Pat Henry called

570

00:24:32,279 --> 00:24:39,359

me at home he said if I gave you a track

571  
00:24:36,480 --> 00:24:42,808  
for skeptics could you fill it at least

572  
00:24:39,359 --> 00:24:44,788  
sixty percent said sixty percent that's

573  
00:24:42,808 --> 00:24:48,240  
that's a very low bar yeah I can do that

574  
00:24:44,788 --> 00:24:51,058  
and the first year I filled it a hundred

575  
00:24:48,240 --> 00:24:54,240  
percent and I've done that every year

576  
00:24:51,058 --> 00:24:55,859  
and i have no more space to grow but i

577  
00:24:54,240 --> 00:24:58,529  
told them i don't want to move because

578  
00:24:55,859 --> 00:25:01,349  
I'd like our location it's yeah I really

579  
00:24:58,529 --> 00:25:02,819  
loved the three times I did dragoncon

580  
00:25:01,349 --> 00:25:06,058  
the only reason I haven't done in the

581  
00:25:02,819 --> 00:25:09,149  
last few years is probably because it's

582  
00:25:06,058 --> 00:25:11,339  
it's such a long long trip that's a big

583  
00:25:09,150 --> 00:25:17,788  
fact I'm not like three hours longer

584  
00:25:11,339 --> 00:25:19,470  
than here but I did it once with steve

585  
00:25:17,788 --> 00:25:21,599  
roberts from the stone skeptics and dr.

586  
00:25:19,470 --> 00:25:24,960  
HC and I all flew out together and we

587  
00:25:21,599 --> 00:25:26,879  
flew from Sydney stopover in LA to

588  
00:25:24,960 --> 00:25:29,700  
change planes and then to Atlanta and we

589  
00:25:26,880 --> 00:25:32,159  
were pretty cooked we were pretty fried

590  
00:25:29,700 --> 00:25:34,110  
but I'll be probably from Australia to

591  
00:25:32,159 --> 00:25:36,809  
LA he's got a bill what like 16 hours

592  
00:25:34,109 --> 00:25:39,359  
there 14 hours yeah but all those times

593  
00:25:36,808 --> 00:25:41,339  
and anyway but we loved it but it's it's

594  
00:25:39,359 --> 00:25:43,649  
pretty it's pretty tough to UM to be on

595  
00:25:41,339 --> 00:25:45,480  
deck and be thinking when your brains

596  
00:25:43,650 --> 00:25:47,190  
scrambled from what I haven't yet

597  
00:25:45,480 --> 00:25:51,360  
they're like I for three or four days

598  
00:25:47,190 --> 00:25:53,490  
early I know I know anyway so I I'm keen

599

00:25:51,359 --> 00:25:55,469  
to do it again and we'll just see what

600  
00:25:53,490 --> 00:25:56,759  
happens next year because you're telling

601  
00:25:55,470 --> 00:25:58,980  
me in the three years i haven't been

602  
00:25:56,759 --> 00:26:01,408  
there it's changed a lot well we've the

603  
00:25:58,980 --> 00:26:04,650  
skeptic track room where we do our stuff

604  
00:26:01,409 --> 00:26:06,330  
has grown every year since so you'll be

605  
00:26:04,650 --> 00:26:07,679  
kind of surprised because it's so big

606  
00:26:06,329 --> 00:26:10,470  
now we have to have three or four those

607  
00:26:07,679 --> 00:26:12,090  
big flat screen TVs so the audience can

608  
00:26:10,470 --> 00:26:15,569  
see everything now really

609  
00:26:12,089 --> 00:26:18,509  
Wow yeah as far as its I say our room is

610  
00:26:15,569 --> 00:26:21,240  
like a really big airplane because it's

611  
00:26:18,509 --> 00:26:22,919  
like a nice long ok tube almost yeah

612  
00:26:21,240 --> 00:26:24,900  
yeah but it's fine because we have the

613  
00:26:22,919 --> 00:26:27,120

TV screens and you can still see it's

614

00:26:24,900 --> 00:26:29,190

just we like to have like the screens

615

00:26:27,119 --> 00:26:31,889

you can put up people's names under yeah

616

00:26:29,190 --> 00:26:33,360

i mean if listeners to this show maybe

617

00:26:31,890 --> 00:26:36,860

even new listeners if you go back

618

00:26:33,359 --> 00:26:40,769

through the archives and you search for

619

00:26:36,859 --> 00:26:43,139

dragoncon you'll see early episodes

620

00:26:40,769 --> 00:26:45,629

because of this skeptic zone where we

621

00:26:43,140 --> 00:26:47,850

interview famous celebrities and people

622

00:26:45,630 --> 00:26:49,320

at this event you know because when

623

00:26:47,849 --> 00:26:51,119

you're walking around dragoncon it's one

624

00:26:49,319 --> 00:26:52,918

of the things i'll never forget i was in

625

00:26:51,119 --> 00:26:56,609

the lobby of the hotel doing something

626

00:26:52,919 --> 00:27:02,340

rather and walk in walked brent Spiner

627

00:26:56,609 --> 00:27:05,009

and the Reich yeah both of them are

628  
00:27:02,339 --> 00:27:07,230  
really i mean yeah brent Spiner coolest

629  
00:27:05,009 --> 00:27:08,730  
guy ever did you take some time to talk

630  
00:27:07,230 --> 00:27:10,288  
to I didn't actually because he just was

631  
00:27:08,730 --> 00:27:13,048  
walking past well that's the thing about

632  
00:27:10,288 --> 00:27:15,179  
drying out I love knot is that it's a

633  
00:27:13,048 --> 00:27:16,648  
party more than invention yeah even the

634  
00:27:15,179 --> 00:27:18,960  
people that are there that biggest stars

635  
00:27:16,648 --> 00:27:20,819  
you can just go up to them and I've made

636  
00:27:18,960 --> 00:27:23,220  
become really good friends with some of

637  
00:27:20,819 --> 00:27:25,379  
the people that you know just TV movies

638  
00:27:23,220 --> 00:27:28,500  
actors it says it's because it's just a

639  
00:27:25,380 --> 00:27:30,539  
big yeah I chatted to various does from

640  
00:27:28,500 --> 00:27:33,148  
you remember the autograph room and this

641  
00:27:30,538 --> 00:27:34,319  
starts from laughs for decades there oh

642  
00:27:33,148 --> 00:27:36,898  
yeah and you can just chat to them

643  
00:27:34,319 --> 00:27:41,668  
that's fantastic but two years ago we

644  
00:27:36,898 --> 00:27:45,298  
had uh oh what's his name that died

645  
00:27:41,669 --> 00:27:47,640  
recently gr jr. Larry hang yes in fact

646  
00:27:45,298 --> 00:27:49,740  
that's where I saw him at DragonCon as

647  
00:27:47,640 --> 00:27:52,350  
well yeah when you sleek a huge yeah

648  
00:27:49,740 --> 00:27:54,120  
used to usually come yeah it was kind of

649  
00:27:52,349 --> 00:27:57,000  
a shock when he dog is like man we just

650  
00:27:54,119 --> 00:27:59,849  
saw him yeah it was too bad yeah that's

651  
00:27:57,000 --> 00:28:02,970  
a really nice car too yeah so yet so

652  
00:27:59,849 --> 00:28:05,189  
we've been growing and you missed the

653  
00:28:02,970 --> 00:28:07,620  
best event we've ever had on the track

654  
00:28:05,190 --> 00:28:09,840  
last year though what was that we had on

655  
00:28:07,619 --> 00:28:11,908  
the big stage in the giant room the

656

00:28:09,839 --> 00:28:14,398  
atrium ballroom I know they had one of

657  
00:28:11,909 --> 00:28:17,090  
the huge holes like 10,000 people we

658  
00:28:14,398 --> 00:28:19,979  
packed it and we had James Randi and

659  
00:28:17,089 --> 00:28:21,839  
Alice Cooper talking about her I'm on I

660  
00:28:19,980 --> 00:28:25,288  
heard about that yes because I think

661  
00:28:21,839 --> 00:28:28,319  
they actually jrf got the permission

662  
00:28:25,288 --> 00:28:30,569  
from the drank on and got their actual

663  
00:28:28,319 --> 00:28:33,599  
footage and they put it on YouTube you

664  
00:28:30,569 --> 00:28:35,099  
can actually watch that good it's kind

665  
00:28:33,599 --> 00:28:36,389  
of cool good tip because there's some

666  
00:28:35,099 --> 00:28:37,740  
great stories in there cuz that's the

667  
00:28:36,390 --> 00:28:41,250  
reason why I wanted to happen when I

668  
00:28:37,740 --> 00:28:44,849  
heard that Pat got Alice Cooper to come

669  
00:28:41,250 --> 00:28:46,349  
I said no randy has to come hey I mean

670  
00:28:44,849 --> 00:28:48,089

cuz you know it's one of the coolest

671

00:28:46,349 --> 00:28:49,798

things ever you know yeah have them on

672

00:28:48,089 --> 00:28:51,750

stage talking about that is he scheduled

673

00:28:49,798 --> 00:28:55,918

to go this year James Randi originally

674

00:28:51,750 --> 00:28:58,558

yes but he has a have a metal surgery

675

00:28:55,919 --> 00:29:00,240

right at the same right I I think I

676

00:28:58,558 --> 00:29:02,190

heard that the other day then yeah he

677

00:29:00,240 --> 00:29:04,829

was actually almost got sooo he told me

678

00:29:02,190 --> 00:29:07,409

he had some maintenance now that he

679

00:29:04,829 --> 00:29:09,449

needs doing yeah so it was on the

680

00:29:07,409 --> 00:29:11,340

schedule to do it but then when they

681

00:29:09,450 --> 00:29:13,980

actually scheduled that happen berate

682

00:29:11,339 --> 00:29:15,928

right in conflict so these things happen

683

00:29:13,980 --> 00:29:19,019

Derek yeah these things happen now let's

684

00:29:15,929 --> 00:29:20,730

look gaze down the long hallway here but

685  
00:29:19,019 --> 00:29:22,319  
i'm looking yeah i was just looking for

686  
00:29:20,730 --> 00:29:24,720  
the food more and more people are

687  
00:29:22,319 --> 00:29:26,668  
gathering the coffee's their coffee

688  
00:29:24,720 --> 00:29:28,230  
might be the might be a good idea how

689  
00:29:26,669 --> 00:29:30,990  
could I well I'm up my vocal cord

690  
00:29:28,230 --> 00:29:33,269  
because I'm up in about your father soon

691  
00:29:30,990 --> 00:29:35,308  
just like what happened I mean I had to

692  
00:29:33,269 --> 00:29:37,048  
use it I was the first person on the

693  
00:29:35,308 --> 00:29:39,269  
first day at eight o'clock in the

694  
00:29:37,048 --> 00:29:41,519  
morning what are you the first person on

695  
00:29:39,269 --> 00:29:43,168  
the Saturday well don't forget last

696  
00:29:41,519 --> 00:29:44,579  
night was Penn Jillette's bacon and I

697  
00:29:43,169 --> 00:29:45,990  
couldn't even make it yeah I didn't know

698  
00:29:44,579 --> 00:29:47,189  
that I was hope you know but a lot of

699  
00:29:45,990 --> 00:29:49,980  
people would have been there gonna be a

700  
00:29:47,190 --> 00:29:51,690  
lot of black people in the other thing I

701  
00:29:49,980 --> 00:29:53,808  
feel bad for you there you might feeling

702  
00:29:51,690 --> 00:29:55,830  
it with the crowd that's either hungover

703  
00:29:53,808 --> 00:29:57,898  
they'll be there will be enough people

704  
00:29:55,829 --> 00:30:00,720  
there and I get my talk over and done

705  
00:29:57,898 --> 00:30:03,689  
with it and I can sort of do other

706  
00:30:00,720 --> 00:30:05,490  
things okay cool Derek Holland una give

707  
00:30:03,690 --> 00:30:08,840  
my best to swoopy and being on the

708  
00:30:05,490 --> 00:30:08,839  
skeptic zone no problem

709  
00:30:18,569 --> 00:30:22,528  
be reasonable is a podcast of the

710  
00:30:20,700 --> 00:30:24,720  
Merseyside skeptics Society featuring

711  
00:30:22,528 --> 00:30:26,759  
hayley stevens and michael marshall each

712  
00:30:24,720 --> 00:30:29,009  
monthly interview explores beliefs from

713

00:30:26,759 --> 00:30:30,509  
outside the mainstream engaging with

714  
00:30:29,009 --> 00:30:32,278  
proponents of those beliefs to examine

715  
00:30:30,509 --> 00:30:35,278  
the evidence and reasoning behind each

716  
00:30:32,278 --> 00:30:37,380  
idea in June's episode we speak with

717  
00:30:35,278 --> 00:30:39,148  
novena shine who made the headlines with

718  
00:30:37,380 --> 00:30:42,059  
her attempts to live for six months

719  
00:30:39,148 --> 00:30:44,369  
without food listen to novena story and

720  
00:30:42,058 --> 00:30:46,769  
back issues of the show by visiting

721  
00:30:44,369 --> 00:30:48,750  
merseyside skeptics talked at UK forward

722  
00:30:46,769 --> 00:30:51,859  
slash podcasts or search for be

723  
00:30:48,750 --> 00:30:51,859  
reasonable on itunes

724  
00:31:04,819 --> 00:31:08,970  
thank you for listening to the skeptic

725  
00:31:07,170 --> 00:31:12,840  
zone and then some of you listen to this

726  
00:31:08,970 --> 00:31:15,569  
no doubt I am somewhere over the Pacific

727  
00:31:12,839 --> 00:31:18,119

between San Francisco and Hawaii

728

00:31:15,569 --> 00:31:20,429

probably or maybe between Hawaii and

729

00:31:18,119 --> 00:31:23,009

Fiji or Fiji in Sydney and who knows

730

00:31:20,430 --> 00:31:25,650

we're looking forward to getting home

731

00:31:23,009 --> 00:31:28,640

and having that wonderful jetlag feeling

732

00:31:25,650 --> 00:31:31,200

again now I can't recommend it enough

733

00:31:28,640 --> 00:31:32,460

more amazing meeting highlights coming

734

00:31:31,200 --> 00:31:34,799

up over the next few weeks with

735

00:31:32,460 --> 00:31:36,900

interviews and bits and pieces and also

736

00:31:34,799 --> 00:31:39,119

some interviews I recorded are in

737

00:31:36,900 --> 00:31:41,790

Hollywood just the other night with some

738

00:31:39,119 --> 00:31:44,519

good old skeptical friends but for now

739

00:31:41,789 --> 00:31:46,609

while I still contemplate tonight's crab

740

00:31:44,519 --> 00:31:48,680

cooker dinner this is Richard Saunders

741

00:31:46,609 --> 00:31:55,319

signing off from the Orange County

742

00:31:48,680 --> 00:32:00,000

California you've been listening to the

743

00:31:55,319 --> 00:32:03,839

skeptic zone visit our website at www

744

00:32:00,000 --> 00:32:07,549

skeptics on TV for comments contacts and

745

00:32:03,839 --> 00:32:07,549

extra video reports

746

00:32:08,009 --> 00:32:10,009

I

747

00:32:10,630 --> 00:32:12,660

Oh